

EXHIBIT 5

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(AN/"the toro company" AND ACLM/substantially): 195 patents.

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PAT. NO. Title

- 1 [7,065,947](#) **T** Powered ZRT sand grooming vehicle and grooming brush rake
- 2 [7,032,368](#) **T** Attachment for connecting a duct to a grass bagger of a mower
- 3 [7,032,333](#) **T** Snowblower chute and deflector control
- 4 [7,007,916](#) **T** Low flow valve improvement
- 5 [7,007,448](#) **T** Reel mower with tuned mass damper
- 6 [6,986,240](#) **T** Resilient discharge deflecting chute
- 7 [6,973,728](#) **T** Filament trimmer with dual triggers
- 8 [6,948,782](#) **T** Wheel hub assemblies with anti-rotate feature for use with zero-radius-turning vehicle
- 9 [6,945,471](#) **T** Rotary sprinkler
- 10 [6,921,030](#) **T** Constant velocity turbine and stator assemblies
- 11 [6,910,324](#) **T** Multi-bladed rotary cutting deck with mulching and discharge/collection modes
- 12 [6,869,026](#) **T** Rotary sprinkler with arc adjustment guide and flow-through shaft
- 13 [6,851,253](#) **T** On-board vehicle jacking apparatus and methods of using same
- 14 [6,739,116](#) **T** Powered actuator system for mower parking brake system
- 15 [6,709,223](#) **T** Tracked compact utility loader
- 16 [6,701,699](#) **T** On-board vehicle jacking apparatus and methods of using same
- 17 [6,688,095](#) **T** Blade coupler assembly for use with a self-propelled, walk-behind rotary lawn mower
- 18 [6,629,818](#) **T** Impeller for use with portable blower/vacuums
- 19 [6,622,464](#) **T** Walk reel mower with single control handle for operating both traction and reel drives
- 20 [6,622,336](#) **T** Connecting apparatus for attaching a sweeping implement to a traction vehicle
- 21 [6,618,234](#) **T** Lightning protection for irrigation controls
- 22 [6,588,191](#) **T** Method for providing grooved roller with variable shoulders
- 23 [6,561,282](#) **T** Aeration machine

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24 6,557,580 T Self cleaning irrigation valve with offset manual on actuator, body/bonnet alignment, and captured screws

25 6,533,198 T Top dresser

26 6,530,198 T Rotary side cutting unit for mower with bi-directional shock absorber for cutting unit

27 6,497,086 T Rotary cutting desk corner suspension

28 6,485,036 T Sulky for outdoor power equipment unit

29 6,484,481 T Rotary cutting unit with ovate rollers and front corner cut-outs

30 6,470,663 T Rear discharge rotary cutting deck for mower

31 6,470,602 T Snowblower having impeller assist propulsion

32 6,460,640 T Control system for compact utility loader

33 6,446,297 T Connecting apparatus for attaching a sweeping implement to a traction vehicle

34 6,439,088 T Reconfigurable vegetation trimmer and method of use

35 6,394,126 T Self cleaning irrigation valve with offset manual on actuator, body/bonnet alignment and captured screws

36 6,393,815 T Plenum for tiltable cutting deck

37 6,389,786 T Belt drive system having a single drive motor for multi-bladed rotary cutting unit for mower

38 6,351,929 T Triplex trim mower with laterally adjustable cutting units

39 6,347,671 T Multi-purpose operating unit attachment system

40 6,341,478 T Steerable cutting unit with steerable and level lift grass catcher

41 6,332,581 T Rotary sprinkler nozzle

42 6,089,006 T Grass catcher for lawn mower

43 6,082,083 T Ground speed control system

44 6,079,433 T Automatic soil moisture sensing and watering system

45 6,045,059 T Nozzle flush cap

46 RE36,627 T Portable blower/vac

47 6,032,441 T Triplex trim mower with laterally adjustable cutting units

48 6,029,907 T Adjustable sprinkler nozzle

49 6,006,390 T Connecting mechanism for attaching a ground-engaging surface maintenance implement to a traction vehicle

50 5,956,248 T Irrigation controller with removable station modules

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PAT. NO. Title

- 51 [5,941,384 T Container for an article of hand-held power equipment](#)
- 52 [5,934,400 T Cruise control system for a vehicle](#)
- 53 [5,886,840 T Optical turf evaluation device and method of use](#)
- 54 [5,853,026 T Valve with downstream manual bleed](#)
- 55 [5,850,656 T Highway debris entrainment and storage device](#)
- 56 [5,785,248 T Rotary sprinkler drive assembly with filter screen](#)
- 57 [5,771,669 T Method and apparatus for mowing irregular turf areas](#)
- 58 [5,758,827 T Rotary sprinkler with intermittent motion](#)
- 59 [5,749,148 T Filament trimmer head](#)
- 60 [5,745,947 T Automatic debris retrieval system](#)
- 61 [5,744,701 T Electronic liquid leak detector](#)
- 62 [5,715,664 T All wheel hydraulic drive system](#)
- 63 [5,711,048 T Portable blower/VAC](#)
- 64 [5,657,542 T Filament trimmer head](#)
- 65 [5,644,844 T Filament trimmer](#)
- 66 [5,638,668 T Lawn mower having nested deck and liner](#)
- 67 [5,638,667 T Mulching mower](#)
- 68 [5,636,504 T Handle assembly for outdoor power equipment](#)
- 69 [5,628,171 T Mulching mower convertible to discharge/collection mode](#)
- 70 [5,623,817 T Operating unit joint for turf maintenance equipment](#)
- 71 [5,615,542 T Mulching blade for lawn mower](#)
- 72 [5,577,286 T Highway debris entrainment and storage device](#)

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73 [5,535,987](#) **T** Valve diaphragm
74 [5,533,326](#) **T** Reel mower
75 [5,533,325](#) **T** All wheel hydraulic drive system
76 [5,526,982](#) **T** Adjustable sprinkler nozzle
77 [D368,341](#) **T** Convertible electric blower vacuum
78 [5,485,963](#) **T** Granular fertilizer spreader
79 [5,451,000](#) **T** Yardage marker system for sprinklers
80 [5,432,088](#) **T** Method and apparatus for aerobic composting
81 [5,429,530](#) **T** Cable connector including thermal fuse
82 [5,398,431](#) **T** Single stage snowthrower impeller
83 [5,377,919](#) **T** Hammermill
84 [5,364,114](#) **T** Vehicle steering and suspension system
85 [5,363,635](#) **T** Mulching mower with improved mulching blade
86 [5,360,167](#) **T** Adjustable radius sprinkler nozzle
87 [5,355,664](#) **T** Caster wheel suspension and shaft tensioning system for turf maintenance equipment
88 [5,322,418](#) **T** High pressure liquid pump apparatus and pumping method
89 [5,289,879](#) **T** Sandtrap maintenance machine rake assembly
90 [5,261,214](#) **T** Lawn mower bail pivot stop and cable anchor
91 [5,234,169](#) **T** Removable sprinkler nozzle
92 [5,225,961](#) **T** Low voltage connector for a power box
93 [5,212,938](#) **T** Mulching mower with obround cutting chamber
94 [5,205,112](#) **T** Multi-bladed mulching/bagging mower
95 [5,195,307](#) **T** Simplified blade brake clutch and propulsion control
96 [5,177,888](#) **T** Discharge chute assembly for snowthrower
97 [5,158,475](#) **T** Solenoid
98 [5,158,232](#) **T** Sprinkler nozzle module
99 [5,154,241](#) **T** Sand trap maintenance machine
100 [5,133,176](#) **T** Multi-bladed mulching mower

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PAT. NO. Title

- 101 [5,119,744](#) T [Method and apparatus for treating turf](#)
- 102 [5,104,090](#) T [Irrigation valve](#)
- 103 [5,101,083](#) T [Rain switch](#)
- 104 [5,090,183](#) T [Discharge chute blocking device for a rotary lawn mower](#)
- 105 [5,083,387](#) T [Removable snowthrower chute](#)
- 106 [RE33,726](#) T [Single stage snowthrower](#)
- 107 [5,055,987](#) T [Adjustable light fixture](#)
- 108 [5,027,850](#) T [Debris arrestor for valve bleed hole](#)
- 109 [5,001,611](#) T [Versatile light fixture](#)
- 110 [4,970,852](#) T [Grass catcher for reel mower](#)
- 111 [4,961,534](#) T [Sprinkler nozzle module](#)
- 112 [4,958,483](#) T [Rope guide](#)
- 113 [4,951,449](#) T [Convertible lawn mower](#)
- 114 [4,930,298](#) T [Cutting unit cover](#)
- 115 [4,930,047](#) T [Apparatus for interconnecting components of a power outlet strip](#)
- 116 [4,909,365](#) T [Freewheeling clutch and implement employing same](#)
- 117 [4,908,968](#) T [Snowthrower with resilient impeller](#)
- 118 [4,878,340](#) T [Turf grooming reel](#)
- 119 [4,854,112](#) T [Turf maintenance apparatus](#)
- 120 [RE32,954](#) T [Lawn mower grass collector bag support](#)
- 121 [4,829,675](#) T [Electrical appliance and handle for same](#)
- 122 [4,815,765](#) T [Adjustable steering assembly](#)

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123 4,814,961 **T** Light fixture
124 4,807,727 **T** Method and apparatus for securing a torque applying device
125 4,799,142 **T** Irrigation controller
126 4,778,175 **T** Electronic control of resistance force for exercise machine
127 4,776,587 **T** Leg exercise machine
128 4,772,015 **T** Shoulder and arm exercise machine
129 4,771,844 **T** Method and apparatus for cooling a prime mover
130 4,771,356 **T** Method and apparatus for accommodating power disturbances
131 4,763,838 **T** Sprinkler with guard
132 4,730,829 **T** Exercise machine
133 4,720,099 **T** Exercise machine
134 4,699,321 **T** Sprinkler head drain valve
135 4,694,594 **T** Single stage snowblower
136 4,682,732 **T** Sprinkler with improved riser seal
137 4,637,202 **T** Lawn mower grass collector bag support
138 4,634,052 **T** Adjustable arc sprinkler head
139 4,609,146 **T** Sprinkler with improved riser seal
140 4,571,831 **T** Cutting head for filament trimmer
141 4,569,485 **T** Mist emitter
142 4,452,185 **T** Engine housing
143 4,426,780 **T** Line metering apparatus
144 4,412,382 **T** Line feed mechanism for filament cutting
145 4,403,466 **T** Lawn mower engine oil drain
146 4,397,088 **T** Power equipment unit with split handle
147 4,391,041 **T** Powered ground care implement
148 4,376,513 **T** Irrigation stream splitter
149 4,374,465 **T** Attachment for rotary lawn mower
150 4,361,000 **T** Bagging filament mower

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PAT. NO. Title

151 [4,335,569](#) T [Reel to bedknife adjustment system](#)

152 [4,335,567](#) T [Bagging filament mower](#)

153 [4,335,566](#) T [Control system for power equipment](#)

154 [4,326,370](#) T [Rotary lawn mower](#)

155 [4,326,145](#) T [Compression relief adapter](#)

156 [4,325,195](#) T [Snow thrower](#)

157 [4,306,408](#) T [Grass catcher assembly](#)

158 [4,301,967](#) T [Intermittent sprinkler](#)

159 [4,295,285](#) T [Snowthrower](#)

160 [4,293,041](#) T [Power cultivator with debris excluding barrier and scraper](#)

161 [4,282,653](#) T [Cutting element for vegetation line trimmers](#)

162 [4,280,276](#) T [Reciprocating cutter](#)

163 [4,271,658](#) T [Clutch and blade brake for lawn mower](#)

164 [4,245,454](#) T [Line metering apparatus](#)

165 [4,235,068](#) T [Filament mower](#)

166 [4,232,505](#) T [Dual element filament mower](#)

167 [4,227,364](#) T [Self-compensating brake system for a mowing machine](#)

168 [4,226,368](#) T [Multiple vortex dripper](#)

169 [4,205,512](#) T [Rotary mulching mower](#)

170 [4,204,642](#) T [Traveling sprinkler system and method](#)

171 [4,201,344](#) T [Shiftable stator sprinkler head](#)

172 [4,198,000](#) T [Stream rotor sprinkler with rotating deflectors](#)

173 [4,191,331](#) T [Stream reversing director](#)

174 [4,191,007](#) T [Reel mower shield assembly](#)

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175 4,176,508 **T** Line feed mechanism for filament mower
176 4,162,605 **T** Rear wheel support apparatus for a three wheel vehicle
177 4,149,358 **T** Low speed rotary mower
178 4,144,772 **T** Belt idler construction
179 4,135,724 **T** Gas tank support and control panel
180 4,133,344 **T** Power transmission for self-propelled irrigation system
181 4,129,977 **T** Low speed rotary mower
182 4,119,275 **T** Fluid spray head and method adapted to spray specific pattern
183 4,102,114 **T** Combination level adjust and self-tensioning belt assembly for mowers
184 4,085,771 **T** Angularity sensor means for center pivot irrigation system
185 4,078,726 **T** Lawn sprinkler
186 4,047,367 **T** Rotary mower bagging apparatus
187 4,030,277 **T** Mower rear shield structure
188 4,026,471 **T** Sprinkler systems
189 4,015,406 **T** Lawnmower bagging apparatus
190 3,969,871 **T** Fastening construction for playground equipment
191 3,965,800 **T** Water powered drive for automatic controllers
192 3,955,653 **T** Rotary mower blade arrester apparatus
193 3,940,066 **T** Pop-up sprinkler head having flow adjustment means
194 3,939,917 **T** Spiker blade
195 3,930,434 **T** Hydraulic controller

